

## TAE TECHNOLOGIES ANNOUNCES APPOINTMENT OF CHIEF SCIENCE OFFICER TO INTERNATIONAL UNION OF PURE AND APPLIED PHYSICS

## Toshi Tajima Brings Decades of Expertise in Plasma Physics and Fusion Energy to IUPAP Commission

FOOTHILL RANCH, CA, March 22, 2022 --<u>TAE Technologies</u>, the world's leading developer of clean fusion, is pleased to announce the appointment of Chief Science Officer (CSO) Dr. Toshi Tajima to the<u>International Union of Pure and Applied Physics</u> (IUPAP) Commission 16 on Plasma Physics.

IUPAP strives to promote collaboration among members of the global physics community, particularly to address urgent problems such as infectious disease and climate change.

Tajima will serve a four-year term on the Commission, which specializes in the field of plasma physics for applications such as fusion energy.

"We are pleased to have Toshi join IUPAP, and we believe he will play an integral role in educating our community about fusion energy and technology. Toshi's expertise will take us to the next level in understanding the role of fusion technology in making sustainable energy choices for the future," said Michel Spiro, President of IUPAP.

The IUPAP Commission is working toward meeting the <u>17 Sustainable Development</u> <u>Goals</u> identified in the United Nations' 2030 Agenda, which range from affordable and clean energy to creating sustainable communities. To aid in this effort, the Commission has joined forces with CERN (The European Organization for Nuclear Research), UNESCO, and over 100 international scientific unions and research organizations to demonstrate how basic sciences can be the key to resolving these pressing challenges. The UN General Assembly has since designated 2022 as the International Year of Basic Sciences for Sustainable Development (<u>IYBSSD2022</u>), during which Tajima will spearhead dialogue among plasma physicists to help meet these goals.

"I am honored to have the opportunity to represent the IUPAP and to be able to work to solve some of the most pressing energy problems at the intersection of fusion innovation and climate change. I'm excited for the chance to share my knowledge and expertise with others, and to learn from new connections about where we can improve in fusion energy," said Tajima.

In addition to serving as TAE's CSO, Tajima is the Norman Rostoker Chair Professor of Physics and Astronomy at the University of California Irvine (UCI), where he researches accelerator physics, plasma physics, fusion, laser physics, astrophysics, and medical applications of physics. He builds on the legacy established by noted plasma physicist Dr. Norman Rostoker, the technology co-founder of TAE. Tajima was Dr. Rostoker's first UCI-educated Ph.D. student.



Dr. Tajima has also been the chairman of multiple organizations, including the International Committee for Ultrahigh Intensity Lasers, Extreme Light Infrastructurenuclear Physics, International Science Advisory Board, and Deputy Director of the International Center for Zetta-Exawatt Science and Technology. He is the recipient of many prestigious awards, including the Robert Wilson Prize, the Hannes Alfven Prize, the Enrico Fermi Prize, the Nishina Memorial Prize, the Blaise Pascal Chair Award, and the Einstein Professorship. He received his Ph.D. in Physics from UCI in 1975 and has since authored over 600 papers and eight books on accelerator physics, plasma physics, fusion, laser physics, astrophysics, and medical applications of physics.

The International Year of Basic Sciences for Sustainable Development will hold an opening conference on July 8, 2022 at UNESCO headquarters in Paris, with additional events organized around the world through June 2023.

For more information about TAE Technologies and fusion energy, please visit tae.com.

## About TAE Technologies

TAE Technologies (pronounced T-A-E) was founded in 1998 to develop commercial fusion power with the cleanest environmental profile. The company's pioneering work represents the fastest, most practical, and economically competitive solution to bring abundant clean energy to the grid. With over 1,700 patents filed and over 1,100 issued; more than \$1 billion in private capital; five generations of National Laboratory-scale devices built and two in development; and an experienced team of over 250 employees, TAE is now on the cusp of delivering this transformational energy source capable of sustaining the planet for thousands of years.

The company's revolutionary technologies have produced a robust portfolio of commercial innovations in large adjacent markets such as power management, energy storage, transmission, electric mobility, life sciences, and more. TAE is based in California, and maintains international offices in the UK and Switzerland. Multidisciplinary and mission-driven by nature, TAE is leveraging proprietary science and engineering to create a bright future.

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